



De La Salle University – Dasmariñas

**De La Salle University – Health Sciences Campus
Central Supply Department
Monitoring and Inventory System
(DLSU-HSC CSD MIS)**

**An Undergraduate Research
Presented to
The Faculty of Computer Studies Department
De La Salle University – Dasmariñas
Dasmariñas, Cavite**

**In Partial Fulfillment
of the Requirement for the Degree
Bachelor of Science in Computer Science**

by:

**Asuncion, Ruel L.
Camaymayan, Gil M.
Maravilla, Edci E.**

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AKLATANG EMILIO AGUINALDO ARCHIVES



ABSTRACT

The De La Salle University – Health Sciences Campus Central Supply Department Monitoring and Inventory System (DLSU-HSC CSD MIS) was developed using Visual Basic 6.0 with the use of WaterShuice Methodology. The study aims to address the problems encountered by using existing system of Central Supply Department of DLSU – Health Sciences Campus. Such problems include slow data retrieval and data loses resulting to some delay in generation of reports, limitation of the existing system's features such as no maintenance modules, poor graphical user interface, incapable of monitoring the budget usage of every requesting department, and unsystematic algorithm and errors that hinders the smooth operation of the existing system. The system was developed to offer well-improved management of records and processes and satisfy the basic needs associated with the daily activities of the department, such as releasing and reordering of supplies, reports generation, reliable inventory and monitoring of supplies and budget usage of each requesting departments. The system emphasized the use of file backup and records archiving and the security of all databases used. The system provides usernames and passwords that determine the level of usage that system can offer to its user for its security. Moreover, the system minimizes error, ease workload and the morale of the personnel. A thorough testing of the system was conducted to ensure its high quality and meet the standards of the company.



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